## Index of Claims



Application No.

10/021,362

Examiner

Laura S Weiner

Applicant(s)

MORIOKA ET AL

Art Unit

1745

√ Rejected
= Allowed

| (Through numeral)<br>Cancelled |
|--------------------------------|
| Restricted                     |

| N | Non-Elected  |
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| ı | Interference |

| A | Appeal   |
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| o | Objected |

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|          | 11          |                | *            |  |          |              |          |  |  | П        |
|          | 2           | 1              |              | Н  |          |              |          |  | П  | П        |
| -        | 3           | ۱ <del>۲</del> | -            | H  | $\neg$   |              |          | Н  | Н  | $\vdash$ |
|          | 4           | Q              |              | Н  | -        | $\vdash$     | -        | -  | $\vdash$   | $\vdash$ |
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|          | 5           | 4              | ┞            | _  | -        | _            |          | _  | $\vdash$   | -        |
| L_       | 6           | 2              | ļ            |  | Ш        |              | _        | _  | _  | Н        |
|          | 7           | $\sim$         | 1_           |  |          |              |          |  |  | Ш        |
|          | 8           | حا             | Ł            |  |          |              |          |  |  | Ш        |
|          | 9           | 6              |              |  |          |              |          |  |  |          |
|          | 10          | T              |              |  |          |              |          |  |  |          |
|          | 11          | 7              | Γ            |  |          |              |          |  |  | П        |
|          | 12          | 17             |              |  | П        | П            |          |  | П  | П        |
|          | 13          | H              | $\vdash$     | $\vdash$   | Н        |              |          |  |  | Н        |
| -        | 14          | Н              | $\vdash$     | -  | Н        |              | $\vdash$ |  |  | H        |
| -        |             | ₩              | $\vdash$     | $\vdash$   | Н        |              |          | -  |  | $\vdash$ |
| -        | 15          | H              | $\vdash$     | -  |          |              |          | $\vdash$   | -  | $\vdash$ |
| <u> </u> | 16          | 1              | ┞            | _  |          |              | _        | <u> </u>   | $\vdash$   | Н        |
|          | 17          | 1              | _            | Ш  |          |              | _        | L.   | _  | Ш        |
|          | 18          | Ш              |              |  |          |              | _        | <u>_</u>   | L  | Ш        |
|          | 19          | 11             |              |  |          |              |          |  | L  |          |
|          | 20          | П              | П            |  |          |              |          |  |  |          |
|          | 21          | lt-            | 1            |  |          |              |          |  |  | П        |
| -        | 22          | 1              | 1            |  |          |              | $\vdash$ | _  | Г  | М        |
|          | 23          | H-             | -            | Н  | Н        | Н            | -        | -  | ⊢  | Н        |
|          | 24          | Н              | ┼            | $\vdash$   | $\vdash$ | H            | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$ |
|          | 24          | ₩              | ├-           | <del> </del> −                                   | _        | -            | ⊢        | -  | ⊢  | Н        |
|          | 25          | Н-             | <b>!</b> —   | <del> </del>                                     | H        | <u> </u>     | <u> </u> | -  | ⊢  | Н        |
| ļ        | 26          | ₩              | ↓            | <del> </del>                                     | $\vdash$ | L            |          | <u> </u>   | ⊢  | Н        |
| L        | 27          | Щ              | 1_           | _  | _        | <u>L</u>     | <u> </u> |  | <u> </u>   | Ш        |
|          | 28          | Ш              | _            | _  | L        | L            | _        |  | _  |          |
| L        | 29          | IL             |              |  |          |              | _        | L  | L  | Ш        |
|          | 30          | П              | Γ            |  |          | _            |          | l  |  | Ш        |
|          | 31          | Π.             |              | Г  | Г        |              | Г        | Γ  | 1  |          |
|          |             | 1              |              | Γ  |          |              | Γ        |  | Г  | П        |
|          | 33          |                | 1            | $\vdash$   | $\vdash$ |              | Г        | 1  | П  | П        |
| -        | 34          | Ū              | <del>-</del> | <del>                                     </del> | -        | $\vdash$     |          | <del>                                     </del> | <u> </u>   | Н        |
| -        | (33)        | ۲              | $\vdash$     |  |          | $\vdash$     | $\vdash$ | <del>                                     </del> | <del>                                     </del> | H        |
|          | 36          | -              | -            | +-   | -        | <del> </del> | -        | $\vdash$   | $\vdash$   | $\vdash$ |
| $\vdash$ | 30          | -              | -            | $\vdash$   | $\vdash$ | -            | ├        | $\vdash$   | $\vdash$   |          |
|          | 37          | 1-             | ⊢            | -  | $\vdash$ | -            | $\vdash$ | ⊢  | <del> </del>                                     | $\vdash$ |
| <u> </u> | 38          | <b> </b> _     | ↓_           | -  | <u> </u> | _            | <u> </u> | <u> </u>   | -  | $\vdash$ |
|          | 39          | -              | +-           | ₩  | _        | _            | _        | <del> </del>                                     | ├  | $\vdash$ |
|          | 40          | <u> </u>       | 1_           | <u> </u>   | _        | _            | _        | _  | _  | Ш        |
| L        | 41          | L              | L            | L  | L        | _            |          |  |  | Ш        |
|          | 42          | Γ              |              |  | L        |              |          |  | $\Box$   |          |
|          | 43          | Γ              | Π            |  |          |              |          | 1  | Г  |          |
|          | 44          | 1              |              | 1  | 1        | $\Gamma$     |          | 1  | T  | П        |
| -        | 45          | 1-             | 1            | $\vdash$   | <u> </u> |              | $\vdash$ | $\vdash$   | T  | $\vdash$ |
| -        | 46          | H              | 1            | +  | $\vdash$ | $\vdash$     | -        | -  | $\vdash$   | $\vdash$ |
|          | 40          | ⊢              | +            | +  | -        | -            | +-       | $\vdash$   | -  | H        |
| 1        | 47          | $\vdash$       | +-           | +-   |          | $\vdash$     | ├一       | ┼  | <del> </del>                                     | $\vdash$ |
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|          | 50          | 1              |              | L  | <u></u>  | _            | <u></u>  | <u></u>  | 乚  | لـــا    |

|          | Date         |  |          |          |          |                |          |          |               |          |
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| Final    | Original     |  |          |          |          |                |          |          |               |          |
|          | 51           |  |          |          |          |                |          |          |               | _        |
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| <u> </u> | 53           |  |          |          | _        |                |          |          | _             | _        |
| ⊢        | <b>54</b> 55 |  | _        | $\vdash$ | -        |                |          | _        | -             |          |
|          | 56           | -  | _        |          |          | $\vdash$       | -        | Н        |               | -        |
|          | 57           |  | -        |          |          |                |          | $\vdash$ |               |          |
|          | 58           |  |          |          |          |                |          |          |               |          |
|          | 59           |  |          |          |          |                |          |          |               |          |
|          | 60           |  |          |          |          |                |          |          |               |          |
|          | 61           |  | _        |          |          |                | _        |          |               |          |
|          | 62           | L  | <u> </u> | Ш        | _        | $\vdash$       | $\vdash$ | -        | $\vdash$      | _        |
| <u> </u> | 63           | -  |          | -        | Н        | $\vdash$       | H        | -        | $\vdash$      |          |
|          | 64<br>65     | -  | $\vdash$ | $\vdash$ | Н        | Н              | -        | $\vdash$ | $\vdash$      | -        |
|          | 66           |  | $\vdash$ |          |          |                |          |          |               |          |
|          | 67           | -  | $\vdash$ | Н        | П        | Г              |          |          |               |          |
| $\vdash$ | 68           |  |          |          |          |                |          |          |               |          |
|          | 69           |  |          |          |          |                |          |          |               |          |
|          | .70          |  |          |          |          |                |          |          |               |          |
| <u> </u> | 71           |  |          |          |          | L              |          |          |               |          |
|          | 72           | _  | _        | <u> </u> |          | _              |          | `        |               | _        |
|          | 73           | _  | _        | <u> </u> | -        | <u> </u>       | _        | H        | H             |          |
| -        | 74<br>75     | ╌  | -        | -        | -        | -              |          | $\vdash$ | -             | -        |
|          | 76           | ╁  | ┢        | -        | -        | -              | -        | $\vdash$ | $\vdash$      | ┝        |
|          | 77           | ┢  | $\vdash$ |          | Г        |                | -        | Г        |               |          |
|          | 78           | $\vdash$   | Т        |          |          | -              |          | Г        |               |          |
|          | 79           |  |          |          |          |                |          |          |               |          |
|          | 80           |  |          | 匚        | L        |                |          |          |               | _        |
|          | 81           | _  | _        | <u> </u> | L        |                |          |          |               | L        |
| <u> </u> | 82           | ┞  | <u> </u> | <u> </u> | ļ.,      | _              | _        | <u> </u> | -             | -        |
|          | 83           | -  | -        | ⊢        | -        | <del> </del> — |          | -        | <u> </u>      | -        |
| -        | 84<br>85     |  | -        | ├-       | -        | $\vdash$       | ┈        | ⊢        | ┢             | -        |
| -        | 86           | ┢  | -        | -        |          | $\vdash$       | ┢        |          | H             | Н        |
| $\vdash$ | 87           | <del>                                     </del> | -        | T        | -        | _              | $\vdash$ |          | Г             | -        |
|          | 88           | Г  |          |          |          |                |          |          |               |          |
|          | 89           | L.   |          |          |          |                |          |          |               |          |
|          | 90           | _  | Ĺ        | L        | _        | _              | _        |          | _             | _        |
| <u></u>  | 91           | <u> </u>   | <u> </u> | ļ        | _        | _              | L        | <u> </u> | <b> </b>      | _        |
| <u> </u> | 92           | -  | -        | ├-       | -        | -              | -        | -        |               | ⊢        |
| -        | 93           | ├-   | -        |          | -        | -              | -        | -        | -             | -        |
| -        | 95           | -  | -        | $\vdash$ | $\vdash$ | -              | -        | -        | -             | $\vdash$ |
| $\vdash$ | 96           | <del>                                     </del> |          | ├        | -        | -              | $\vdash$ | -        | <del> -</del> | -        |
| -        | 97           | $\vdash$   | $\vdash$ | $\vdash$ | -        | $\vdash$       | H        |          | Г             | Η        |
|          | 98           |  | Г        |          |          |                | _        |          |               |          |
|          | 99           |  |          |          |          |                |          |          |               |          |
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| Claim        |          |  |          |                  |              | ate          | <u> </u> |                |              | $\neg$   |
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| Final        | ìgi      |  |          |                  |              |              |          |                |              |          |
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|              | 101      |  | -        | $\vdash$         | -            |              | $\vdash$ | -              | $\vdash$     | -        |
|              | 102      |  | Н        | $\dashv$         | -            | _            | -        | -              | $\vdash$     | -        |
|              | 103      |  |          | $\dashv$         | -            | _            |          | _              | Н            | -        |
|              |          | -  | -        | $\dashv$         | -            |              |          | _              |              | Н        |
|              | 104      | _  | -        |                  | $\vdash$     | _            | -        |                | Н            | Н        |
|              | 105      |  |          | $\dashv$         |              | _            |          | _              | $\vdash$     |          |
|              | 106      |  |          | Щ                |              |              | L        | _              |              |          |
|              | 107      |  |          |                  |              |              |          | _              |              | Н        |
|              | 108      | _  |          |                  |              |              | _        | _              |              | Ш        |
|              | 109      |  |          |                  | _            |              | _        |                |              |          |
|              | 110      |  |          | _                |              |              | _        |                | Ш            | Ш        |
|              | 111      |  |          |                  |              |              | L        | L.,            |              |          |
|              | 112      | Ш  |          |                  |              |              | _        | _              |              | $\sqcup$ |
|              | 113      | Ш  | Ш        | Ш                | L            |              | <u> </u> |                | L_           | Ш        |
|              | 114      |  |          |                  |              |              | <u>_</u> | _              |              | Ш        |
|              | 115      |  |          | Ш                |              |              | L        |                |              |          |
|              | 116      |  |          |                  |              |              |          |                |              | Ш        |
|              | 117      |  |          |                  |              | L            | L        |                |              |          |
|              | 118      |  |          |                  |              |              |          |                |              |          |
|              | 119      |  |          |                  |              |              |          |                |              |          |
|              | 120      |  |          |                  |              |              |          |                |              | П        |
|              | 121      |  |          | П                |              | Г            |          | <u> </u>       |              | П        |
|              | 122      |  | М        | Н                |              |              |          |                |              | М        |
|              | 123      | <del> </del>                                     | -        |                  |              | 1            | $\vdash$ | H              |              | М        |
|              | 124      | -  |          |                  | -            |              | H        | $\vdash$       |              | Н        |
|              | 125      | -  | -        | -                | -            | $\vdash$     | ┪        | -              | -            | Н        |
|              | 126      | -  |          |                  |              | -            | ┢        | -              | <del> </del> | Н        |
|              | 127      | $\vdash$   | -        |                  | <del> </del> | $\vdash$     | Н        | ┢              | -            | Н        |
|              | 128      |  | $\vdash$ |                  | -            | 1            | $\vdash$ | -              | -            | H        |
| _            | 129      | -  | -        |                  | $\vdash$     | -            | $\vdash$ | -              |              |          |
|              | 130      | $\vdash$   | $\vdash$ |                  |              | -            | $\vdash$ | $\vdash$       | $\vdash$     | $\vdash$ |
|              | 131      | $\vdash$   | -        | -                | $\vdash$     | -            | -        | -              | -            | $\vdash$ |
|              | 131      | -  | <u> </u> | -                | $\vdash$     |              | -        | -              | -            | $\vdash$ |
|              | 132      | $\vdash$   | ├-       |                  | -            | ├            | $\vdash$ | <del> </del>   | -            | $\vdash$ |
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|              | 134      | ├-   | ├        | -                | _            | <del> </del> |          | $\vdash$       | $\vdash$     | Н        |
|              | 135      | <del>                                     </del> | <u> </u> | -                | -            | -            |          | ⊢              | H            | $\vdash$ |
|              | 136      | <b>—</b>   | $\vdash$ | -                |              | <u> </u>     | _        | $\vdash$       | <u> </u>     | $\vdash$ |
|              | 137      | _  | _        | <u> </u>         |              |              | <u> </u> | <del> </del> — | <u> </u>     | $\vdash$ |
|              | 138      | -  | -        | <u> </u>         | <u> </u>     | <u> </u>     |          | <u> </u>       | _            | Ш        |
|              | 139      | <u> </u>   |          |                  |              | ļ            | -        | -              | Ļ            |          |
|              | 140      |  | _        |                  | _            | <u> </u>     | -        | -              |              | Ш        |
|              | 141      | <u> </u>   | _        | <u> </u>         | _            | <b> </b> _   | _        | <b> </b>       | <b> </b> _   | Ш        |
|              | 142      | <u> </u>   | _        | _                | L-           | _            | L        | <b> </b>       | <u> </u>     | $\vdash$ |
|              | 143      |  | L_       | $ldsymbol{oxed}$ | _            | $\vdash$     | <u></u>  | <u> </u>       | _            |          |
|              | 144      |  |          |                  | _            |              |          | <u></u>        |              | L        |
|              | 145      |  |          |                  | L            | L            | <u> </u> | L              | _            |          |
|              | 146      | L  |          | L                |              | L            | L        | L              |              |          |
|              | 147      |  |          |                  |              |              |          |                |              |          |
|              | 148      |  |          |                  |              |              |          |                |              |          |
|              | 149      |  |          |                  |              |              |          | Γ              |              |          |
|              | 150      |  | Г        | Г                |              |              | 1        |                |              |          |
|              | ,        | _  | _        |                  | -            |              |          |                |              |          |